

INTERNATIONAL SEARCH REPORT

GB2004/004580

| A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A23L1/015 A61K35/78 A23C9/00 | | |
|---|---|--|
| According to International Patent Classification (IPC) or to both national classification and IPC | | |
| B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 A23L A61K A23C | | |
| Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched | | |
| Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ, EMBASE, FSTA | | |
| C. DOCUMENTS CONSIDERED TO BE RELEVANT | | |
| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| X | US 5 607 971 A (AL-MAHMOUD MOHSEN ET AL) 4 March 1997 (1997-03-04) column 2, line 60 - column 3, line 3 column 5, line 45 - column 10, line 38 column 15, line 55 - line 64 | 1-25 |
| X | US 5 466 453 A (UCHIDA YUKIO ET AL) 14 November 1995 (1995-11-14) column 1, line 15 - column 3, line 2; example 8 column 5, line 25 - line 62 | 1-25 |
| X | US 5 690 984 A (LIM JUNG GEUN) 25 November 1997 (1997-11-25) column 1, line 20 - column 3, line 9; examples | 1-25 |
| -/-- | | |
| <input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex. | | |
| * Special categories of cited documents : "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the International filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "Z" document member of the same patent family | | |
| Date of the actual completion of the international search 2 February 2005 | | Date of mailing of the international search report 17/02/2005 |
| Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 | | Authorized officer Rinaldi, F |

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| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT | | |
|--|--|-----------------------|
| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| X | US 6 329 000 B1 (JI LING) 11 December 2001 (2001-12-11) cited in the application claims; examples ----- | 1-25 |
| X | DATABASE FSTA 'Online! INTERNATIONAL FOOD INFORMATION SERVICE (IFIS), FRANKFURT/MAIN, DE; 2000, EUN-JU KIM ET AL: "Bread properties utilizing extracts of pine needle according to preparation method." XP002272259 Database accession no. 2000-00-m0004 abstract & KOREAN JOURNAL OF FOOD SCIENCE AND TECHNOLOGY 30 (3) 542-547, 1998, ----- | 1-25 |
| X | DATABASE FSTA 'Online! INTERNATIONAL FOOD INFORMATION SERVICE (IFIS), FRANKFURT/MAIN, DE; 1999, YOUNG-AE OH ET AL: "Effect of addition of water extract of pine needle on tissue of kimchi." XP002272260 Database accession no. 1999-00-j0385 abstract & JOURNAL OF THE KOREAN SOCIETY OF FOOD SCIENCE AND NUTRITION 27 (3) 461-470, 1998, ----- | 1-25 |
| X | WO 02/101025 A (KWON JAY YUNE ;KOREA BIOTECH CORP (KR); VLADIMIR BAKHAREV A (RU)) 19 December 2002 (2002-12-19) claim 8; examples 14-33,36-40,43-47 ----- | 1-25 |

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 21
because they relate to subject matter not required to be searched by this Authority, namely:
Although claim 21 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

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| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
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| US 5607971 | A | 04-03-1997 | NONE | |
| US 5466453 | A | 14-11-1995 | CN 1081844 A ,C DE 69312547 D1 DE 69312547 T2 EP 0565313 A2 HK 1000338 A1 JP 3203572 B2 JP 6009419 A KR 268401 B1 | 16-02-1994 04-09-1997 08-01-1998 13-10-1993 27-02-1998 27-08-2001 18-01-1994 16-10-2000 |
| US 5690984 | A | 25-11-1997 | JP 9047267 A | 18-02-1997 |
| US 6329000 | B1 | 11-12-2001 | WO 9832455 A1 AU 734851 B2 AU 1588497 A CA 2279261 A1 EP 1013278 A1 JP 2001508777 T | 30-07-1998 21-06-2001 18-08-1998 30-07-1998 28-06-2000 03-07-2001 |
| WO 02101025 | A | 19-12-2002 | KR 2001079073 A WO 02101025 A1 KR 2002095101 A | 22-08-2001 19-12-2002 20-12-2002 |